

20021125.qrp v02\_n750.qrl.20021125

Date: Mon, 25 Nov 2002 19:03:11 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2750

QRP-L Digest 2750

Topics covered in this issue include:

- 1) [140809] HD question-OT  
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 2) [140810] RE: Deluxe Direct Conversion Rig  
by "KD5NWA" <KD5NWA@mbayona.com>
- 3) [140811] Re: CQ WW DX CW is on!  
by "Karl F. Larsen" <k5di@zianet.com>
- 4) [140812] Re: Question  
by "George, W5YR" <w5yr@att.net>
- 5) [140813] CQ WW CW results - N8ET  
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 6) [140814] That PVC pipe beam thing again  
by Nils R Young <nilsbull@juno.com>
- 7) [140815] RE: Question  
by Nick Kennedy <nkennedy@tcainternet.com>
- 8) [140816] QRP SWR Meter  
by "Peter Barnett" <pkbarnett@mail.arczip.com>
- 9) [140817] CQ WW 40m Results -- Stunning!!  
by Ade Weiss W0RSP <adeweiss@sd.value.net>
- 10) [140818] Re: QRP SWR Meter  
by Chris Cartwright <ccart@phideaux.com>
- 11) [140819] Re: Question  
by Brian Short <bshort4@cox.net>
- 12) [140820] Re: HD question-OT  
by John Zaruba Jr <jzaruba@mac.com>
- 13) [140821] Re: QRP SWR Meter  
by "Rod N0RC" <rod@n0rc.us>
- 14) [140822] Re: CQ WW CW results  
by "aluscre" <"aluscre"@neo.rr.com>
- 15) [140823] Re: QRP SWR Meter  
by Lew Paceley <lew@paceley.com>
- 16) [140824] Re: CQ WW 40m Results -- Stunning!!  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 17) [140825] Re: HD question-OT  
by "Mike Yetsko" <myetsko@insydesw.com>
- 18) [140826] Re: [fpqrp] HD question-OT  
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 19) [140827] Re: [fpqrp] HD question-OT

- by "Mike Yetsko" <myetsko@insydesw.com>
- 20) [140828] FS: Mint TT Omni V with Accessories  
by John Seney <wd1v@amsat.org>
- 21) [140829] Re: Question  
by "Karl F. Larsen" <k5di@zianet.com>
- 22) [140830] FS: NorCal Nor'Easter SMT kit -- unbuilt  
by "Steve Blary" <steve@eclipsecat.com>
- 23) [140831] Re: [fpqrp] HD question-OT  
by Garey Barrell <k4oah@mindspring.com>
- 24) [140832] WTB: Cross-Needle Tuner  
by NV9Z@aol.com
- 25) [140833] DSWTUN03 interface progress plus...Endeavour blastoff...magnificent!  
by "Bill, N4QA" <n4qa@hotmail.com>
- 26) [140834] Re: RC control plane and RX antennaa  
by "" <markb@abq.com>
- 27) [140835] PSK31 (fun!) stuff  
by Alex <kr1st@amsat.org>
- 28) [140836] Re: Question  
by John Payne <paynej1@strato.net>
- 29) [140837] Re: [fpqrp] HD question-OT  
by Big McLargeHuge <w0jrm@arrl.net>
- 30) [140838] QRP & CQ WW Contest  
by "Michael B. Byrd" <m.byrd10@verizon.net>
- 31) [140839] WTB: Cross-Needle Tuner  
by NV9Z@aol.com
- 32) [140840] CQWW - Milliwatting again  
by Jim <sunwatt@starband.net>
- 33) [140841] TEST ONLY  
by "Merton Nellis" <mertnellis@msn.com>
- 34) [140842] RE: [CQ WW DX CW Contest this weekend!]  
by "Sverre Holm - LA3ZA" <la3za@qsl.net>
- 35) [140843] Re: PSK31 (fun!) stuff  
by Fred Lesnick <flesnick@tbaytel.net>
- 36) [140844] Re: PSK31 (fun!) stuff  
by <stanw@toxsor.com>
- 37) [140845] F/S or Swap  
by "Francis Callahan" <colcal@srv.net>
- 38) [140846] Re: PSK31 (fun!) stuff  
by Alex <kr1st@amsat.org>
- 39) [140847] pre-amps in microphone stupid?  
by Alex <kr1st@amsat.org>
- 40) [140848] Part 5 of What Kit to Build?  
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 41) [140849] RE: QQ Delivery....  
by William R Colbert <w5xe@juno.com>
- 42) [140850] Re: pre-amps in microphone stupid?  
by Robert Honan <robertus@harbornet.com>
- 43) [140851] Summer and Fall Issues of QRPp in the mail today

by "Doug Hendricks" <ki6ds@dph.dpol.net>  
44) [140852] Re: pre-amps in microphone stupid?  
by "Mike Yetsko" <myetsko@insydesw.com>  
45) [140853] Re: Re RC control plane and RX antennaa  
by Stewart Bryant <stewart.bryant@virgin.net>  
46) [140854] RE: No Excuses Transciever  
by "Juanjo Pastor" <ec5aca@wanadoo.es>  
47) [140855] Re: Question  
by Thom LaCosta <baltimoremd@baltimoremd.com>  
48) [140856] 4th Annual 2003 QRP Contest Calendar for QRP'ers  
by "Ron Polityka" <wb3aal@fast.net>

-----  
Date: Sun, 24 Nov 2002 18:59:18 -0500  
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>  
To: fpqrp-l@mpna.com, qrp-l@lehigh.edu  
Subject: [140809] HD question-OT  
Message-ID: <3DE12186.27155.5E89EB@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

I retired an old 4GB HD on my laptop (replaced it with a larger HD). Tried to wipe the drive clean using a freeware utility. Now the computer won't recognize the C drive. I suspect that I may have eliminated the boot sector and will need a low level format.

I did the procedure from within windows....I probably should have executed it form DOS but I don't think that the results would have been much different.

Any suggestions?

-----  
Date: Sun, 24 Nov 2002 18:05:50 -0600  
From: "KD5NWA" <KD5NWA@mbayona.com>  
To: <kd1jv@moose.ncia.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140810] RE: Deluxe Direct Conversion Rig  
Message-ID: <FGEMLJDCBIMMILHGIBJIOEAECDA.KD5NWA@mbayona.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I kept doing that myself, having addresses that were incorrect, so now I go to the site with my browser, then copy the address, and then paste it in the email. Since then no more bad addresses.

Cecil  
KD5NWA

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Steven Weber  
Sent: Sunday, November 24, 2002 5:07 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Deluxe Direct Conversion Rig

>><http://www.qsl.net/dcrx.HTM>

>

><http://www.qsl.net/kd1jv/dcrx.HTM> if you really want a look. :-)

>

Damn, why do I always get these wrong? Thanks for the correction Tim!

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

-----  
Date: Sun, 24 Nov 2002 17:06:56 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: AA3BP@aol.com

Cc: qrp-l@lehigh.edu

Subject: [140811] Re: CQ WW DX CW is on!

Message-ID: <Pine.LNX.4.44.0211241704170.1773-1000000@localhost.localdomain>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Jim, sorry to say the wife and other weekend things have kept me off the air. I got up around 2 AM on Sunday morning and listened for Europe on 40 m and they were too weak to call. So as the wife said "come back to bed you dummy"....:-)

On Sun, 24 Nov 2002 AA3BP@aol.com wrote:

> Thanks, Karl! Keep us posted on all your Q's and, in particular, make sure  
> you provide the list with the freq and signal report exchange. Judging from  
> the 5nn you got, sounds like that FT-817 is doing FB!  
>  
> Jim  
> AA3BP  
>  
> In a message dated 11/22/02 8:18:02 PM Eastern Standard Time, k5di@zianet.com  
> writes:  
>  
>  
> > I turned my beam east and got my FT-817 working good and heard  
> > py3z calling CQ on 14.041 and called him. He came back 5nn and I came  
> > back 5nn 4 and he said tu. So don't wait for anything. Get out there and  
> > work the darn DX. They need your point!  
> >  
> > --  
> >  
> > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -  
> >  
>  
>  
--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Sun, 24 Nov 2002 18:10:05 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: <k5di@zianet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140812] Re: Question  
Message-ID: <012401c29417\$044e6380\$0201a8c0@fairviewtx.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

My 465B is of very modest size and weight, all solid state, never failed or hiccupped in 7 years. It doesn't use a cart, so I think that you might have another model in mind. The 465B is one of the most successful and reliable scopes that Tektronix has made.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas  
In the 57th year and it just keeps getting better!  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, November 15, 2002 6:30 PM  
Subject: Re: Question

>  
> Hi Martin, the 465 is a very old tube type scope that is very big  
and  
> is, in a word, a good boat anchor. If it works now it will quit  
soon.  
>  
>  
> On Fri, 15 Nov 2002, Hartwell, Martin E, ALINF wrote:  
>  
> > Hi  
> >  
> > I have a line on a scope to add to my test equipment. It is a 465  
type  
> > on a cart. Not sure on the plug in but I am told it is dual trace.  
> > It doesn't come with probes though, can I just use a 4 foot piece  
> > of RG58, with BNC's on the ends? On one end I have an adapter I  
> > can add with clip leads that will plug into the BNC, will this  
work for  
> > the 1:1 lead?  
> >  
> > Can I buy scope probes from Mouser, I believe they are have a web  
site,  
> > guess I will check them out.  
> >  
> > Anyone have extras on here they aren't using they want to sell  
cheap,  
> > ya right.  
> >  
> > Marty Hartwell kd8bj  
> > mehartwell@att.com  
> > AT&T Columbus Ohio  
> > PH:614-501-2503  
>

-----  
Date: Sun, 24 Nov 2002 20:00:37 -5  
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>  
To: qrp-l@lehigh.edu  
Subject: [140813] CQ WW CW results - N8ET  
Message-ID: <200211250100.gAP101LJ022845@hagus.bright.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

| BAND   | Raw QSOs | Valid QSOs | Points | Countries | Zones |
|--------|----------|------------|--------|-----------|-------|
| 160CW  | 14       | 14         | 27     | 3         | 3     |
| 80CW   | 12       | 12         | 23     | 4         | 6     |
| 40CW   | 71       | 71         | 176    | 43        | 18    |
| 20CW   | 195      | 195        | 532    | 85        | 27    |
| 15CW   | 220      | 220        | 607    | 87        | 25    |
| 10CW   | 196      | 196        | 552    | 77        | 19    |
| -----  |          |            |        |           |       |
| Totals | 708      | 708        | 1917   | 299       | 98    |

Final Score = 761049 points.

Down from the previuos two years, although the 15 meter totals were very close to last year's.

73 - Bill - N8ET  
Kanga US  
kanga@bright.net  
<http://www.bright.net/~kanga/>  
419-423-4604

-----  
Date: Sun, 24 Nov 2002 21:05:57 -0500  
From: Nils R Young <nilsbull@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [140814] That PVC pipe beam thing again  
Message-ID: <20021124.210607.-210743.1.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

Well, I am here to tell you now that any ideas of having an easy time putting together two elements on any band using the PVC pipe & aluminum duct tape schema is gonna be an education experience.

I know. I built one. In my attic. For 6m. So there.

Actually, it was weird. Last time I did this, I built a two element deal with 8 ft of boom & two dipoles for "radioators." One was for 15m & the other was for 10m. I connected 'em by 11 ft of coax, with the feed point at the front, across the 10m dipole part. I rolled up the extra 3 ft of coax between the elements and taped it to the middle of the boom.

Sounds crack-brained, don't it? But it worked. Really. Worked many DX many country. I had the thing up about a year and a half before I decided to add another 5 ft to the boom & put a 20m element on the back (moving the 15m element forward to the middle of the boom.) Added a 4:1 balun at the feed point, hooked the 15m & 10m elements together with open wire line and fought for months to get the 20m element to work before finally giving up.

The pieces are still next to the garage from when we moved here over 15 years ago. Ain't never been up oncet.

I learned from this 6m experience that PVC pipe is easy to work with. But it ain't like having aluminum all over the place. I tried hooking the two elements together with TV twin lead, which worked great until I had to lash the boom to a metal pole in the attic by which means I turn the thing around. That didn't work. So I tried some coax. I basically ended up with two elements, one for 51 MHz and the other for 53 MHz & a hunk of RG-58 cut for 52 MHz. Last night, just 'cause I'm nuts, I called CQ on 50.125 MHz. A guy south of Columbus, Ohio heard me. We talked. I went up the steps and turned the antenna toward where he was supposed to be. He got weaker. I point the antenna in the opposite direction of where he was supposed to be. No big change. So I pointed the antenna back north (where I'd started from) and we had just enough time to finish the Q. So I had this "direction" problem. So I played with the location of the loop of extra coax. And . . . That didn't work. So I cut the coax down to just enough to go between the front & back elements. That didn't work.

So I took all the interconnecting off, fed the front element & put a resonating loop of wire across what would have been the tie-points on the longest dipole element.

At which point it was nearly resonant (low SWR) from about 50.125 MHz through about 53.000 MHz. Found that by using the "swr graph" feature of the IC-706 Mk2G.

And I got out the print out of the Arrow Antennas 4-element 6m beam.



Boom's 115 inches long. Nearly 10 ft. A little math and some fiddlin' with a piece of metal pole that's over the 5.5 ft turning radius & I had this delusional feeling that I could actually fit that antenna up there.

And it's all metal! With instructions & all the parts. And I won't cut my fingers up on any more metal tape!

Can I have a witness?

Actually, I'd settle for someone local to hook up with on CW or SSB on 2m or 6m. I've got an Arrow Antennas 4-element 2m antenna. And am assuming that everyone running SSB goes with horizontal polarization, right?

And to think that I was once envious of people who had radios did 160m. Here I am, got a radio for three neat VHF/UHF bands & I'm still tryin' to figure where everybody is. Hmm . . .

So the PVC pipe antenna was a learning experience, n'kay?

73

Nils

. . . I gotta make a web page about finding the guy who was the lead recruit in my boot camp company . . . Lives in Portugal . . . and actually he found me . . . but I did find the guy who was the company commander . . . which is another story . . .

-----  
Nils R. Bull Young -- W8IJN -- La Estancia de los Guajolotes Sonrientes  
<http://w8ijn.tripod.com> -- <http://members.fortunecity.com/nilsbull>  
"The island is closer than your memories are." -- Ian G. Bull Young, 15 Feb 2002

-----  
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Visit [www.juno.com](http://www.juno.com)  
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Date: Sun, 24 Nov 2002 19:38:17 -0600  
From: Nick Kennedy <nkennedy@tcainternet.com>  
To: "'k5di@zianet.com'" <k5di@zianet.com>,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [140815] RE: Question  
Message-ID: <01C293F1.0A63A8A0.nkennedy@tcainternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hmmm ... the only tube in mine is the CRT and I found it to be highly regarded when I did the pre-purchase research a couple years ago.

72--Nick, WA5BDU

On Friday, November 15, 2002 6:31 PM, Karl F. Larsen [SMTP:k5di@zianet.com] wrote:

>

> Hi Martin, the 465 is a very old tube type scope that is very big and  
> is, in a word, a good boat anchor. If it works now it will quit soon.

>

>

-----

Date: Sun, 24 Nov 2002 18:44:52 -0700

From: "Peter Barnett" <pkbarnett@mail.arczip.com>

To: <qrp-l@lehigh.edu>

Subject: [140816] QRP SWR Meter

Message-ID: <200211241844.AA199360840@mail.arczip.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

I ordered the Rock Mite. If I remember correctly it advertised a 100mw output. Not a whole lot of output. Since I got it for those times I am backpacking, the antenna will be wire. None of the SWR meters that I have found will work at the low power level of the Rock Mite. Are there plans or commercial meters that will work?

Pete Barnett

KD7TAK

peter@pkbarnett.com

-----

Date: Mon, 25 Nov 2002 19:51:50 -0600

From: Ade Weiss W0RSP <adeweiss@sd.value.net>

To: qrp-l@lehigh.edu

Subject: [140817] CQ WW 40m Results -- Stunning!!

Message-ID: <1XXUP97QKYUT85NJB7KHC1ZE93R.3de2d3b6@aweiss>

MIME-Version: 1.0

Content-Type: text/plain; charset="windows-1252"

Hi all:

40m totally sucked!!! After about 5.5 hours, I managed 11 Q's for a WOW rate of 2/

hr! Anyone ever  
hear of a lower rate?

I must have barely heard about 5 EU's. Even the bigguns in the Carrib. were having  
a lot of  
trouble copying everybody.

BUT, a genuine QRP'r enters the lists expecting to work no DX, so I guess I did a  
lot better than  
that! I must have called C02JD 200 times. When the band was right, it was like I  
was  
next door. I mean, how far away is C02? It's not really DX, is it? On a good day,  
you can  
just about swim to it.

In the midst of all this nothing, I picked up D4B for #80 on 40m, and also got  
C53M, which entity  
I already had. So, one new one is very good, considering.

20-15-10 were fun using different rigs for kicks. Nothing great except XT2DX and  
9L1AB,  
both of whom I've spent a lot of time calling on 30m where I really need them!

So, the moral for all you inexperienced types who just give up on DX contests  
before  
you even start, you gotta hang in there and just keep calling. Every now and then  
when  
it defies all sense, you get a D4B and a C53M into the log.

72, Ade W0RSP

-----  
Date: Sun, 24 Nov 2002 21:12:10 -0500 (EST)  
From: Chris Cartwright <ccart@phideaux.com>  
To: Peter Barnett <pkbarnett@mail.arczip.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140818] Re: QRP SWR Meter  
Message-ID: <Pine.LNX.4.33.0211242106240.26182-100000@dns.phideaux.com.>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 24 Nov 2002, Peter Barnett wrote:

> Are there plans or commercial meters that will work?

Peter,

Google for the N7VE SWR indicator, I think it's on the Sqrptions site. Uses an LED, I've built several of these in to tuners, and used them right down to 50 or so milliwatts. It's a bridge circuit so you have to flip it in and out, but if you wanted you could put it in a very small box, and use a male and female BNC, then just install it, tune up, and remove. It could easily be built into something 1"x1"x2".

72

```
-- Chris Cartwright,   Unix Administrator |      ccart@phideaux.com      --  
-- N3XRV      ARRL-VE   Norcal Zombie #163 |      Oxford, PA 19363 FM29as   --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --
```

-----  
Date: Sun, 24 Nov 2002 00:33:48 +0000  
From: Brian Short <bshort4@cox.net>  
To: qrp-l@lehigh.edu  
Subject: [140819] Re: Question  
Message-ID: <20021125021734.GBXN2256.fed1mtao01.cox.net@k7on-2000>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have used the 465 and 465B as these were common issue to Navy technicians (back when). Never had one fail and as you say they are modest size/weight.

There are carts for them, however. We had them in the Navy and I own one now for my 466 (465 w/storage). It is not necessary, but useful to wheel the cart around.

Brian

At 06:10 PM 11/24/2002 -0600, you wrote:

>My 465B is of very modest size and weight, all solid state, never  
>failed or hiccupped in 7 years. It doesn't use a cart, so I think that  
>you might have another model in mind. The 465B is one of the most  
>successful and reliable scopes that Tektronix has made.

>

>73/72, George

>Amateur Radio W5YR - the Yellow Rose of Texas

>In the 57th year and it just keeps getting better!

>Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

>K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121

>  
>  
>----- Original Message -----  
>From: "Karl F. Larsen" <k5di@zianet.com>  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Sent: Friday, November 15, 2002 6:30 PM  
>Subject: Re: Question  
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>> On Fri, 15 Nov 2002, Hartwell, Martin E, ALINF wrote:  
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>> > Hi  
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>> > on a cart. Not sure on the plug in but I am told it is dual trace.  
>> > It doesn't come with probes though, can I just use a 4 foot piece  
>> > of RG58, with BNC's on the ends? On one end I have an adapter I  
>> > can add with clip leads that will plug into the BNC, will this  
>work for  
>> > the 1:1 lead?  
>> >  
>> > Can I buy scope probes from Mouser, I believe they are have a web  
>site,  
>> > guess I will check them out.  
>> >  
>> > Anyone have extras on here they aren't using they want to sell  
>cheap,  
>> > ya right.  
>> >  
>> > Marty Hartwell kd8bj  
>> > mehartwell@att.com  
>> > AT&T Columbus Ohio  
>> > PH:614-501-2503  
>>  
>  
--  
See my web page: <http://www.k7on.com/>

-----

Date: Sun, 24 Nov 2002 21:28:24 -0500  
From: John Zaruba Jr <jzaruba@mac.com>  
To: henryf@quartz.gly.fsu.edu  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140820] Re: HD question-OT  
Message-ID: <926E61C4-001D-11D7-9700-003065C74F1A@mac.com>  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Mime-Version: 1.0 (Apple Message framework v546)  
Content-Transfer-Encoding: 7bit

Henry,

Try using the fdisk utility with the /mbr switch. That should re-create the master boot record and recover your drive.

Boot up on a floppy and type:

A:\fdisk /mbr

Hope this helps.

73,

John AA2BN

On Sunday, Nov 24, 2002, at 18:59 US/Eastern, Henry Freedenberg wrote:

> I retired an old 4GB HD on my laptop (replaced it with a larger HD).  
> Tried to wipe the  
> drive clean using a freeware utility. Now the computer won't  
> recognize the C drive. I  
> suspect that I may have eliminated the boot sector and will need a low  
> level format.  
>  
> I did the procedure from within windows....I probably should have  
> executed it from  
> DOS but I don't think that the results would have been much different.  
>  
> Any suggestions?

-----  
Date: Sun, 24 Nov 2002 19:55:06 -0700  
From: "Rod N0RC" <rod@n0rc.us>

To: <pkbarnett@mail.arczip.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [140821] Re: QRP SWR Meter  
Message-ID: <001901c2942e\$0fff47f0\$6401a8c0@BIGDOG>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Peter, et.al.,

The Rock-Mite is capable of 400-500mW, double check the SWL site.  
www.smallwonderlabs.com.

As for SWR meters capable of 100mW or less check the WM-2 from OHR.  
www.ohr.com. It has 0-100mW, 0-1W and 0-10W scales.

73, Rod N0RC

----- Original Message -----

From: "Peter Barnett" <pkbarnett@mail.arczip.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Sunday, November 24, 2002 6:44 PM  
Subject: QRP SWR Meter

> I ordered the Rock Mite. If I remember correctly it advertised a  
> 100mw output. Not a whole lot of output. Since I got it for  
>

-----  
Date: Sun, 24 Nov 2002 22:22:42 -0500  
From: "aluscre" <"aluscre"@neo.rr.com>  
To: kanga@bright.net, qrp-1@lehigh.edu  
Subject: [140822] Re: CQ WW CW results  
Message-ID: <200211250321.gAP3LaH07016@c1mboh1-smtp5.columbus.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Great job Bill. My totals were much more modest

| BAND | QSOs | Points | Countries | Zones |
|------|------|--------|-----------|-------|
|------|------|--------|-----------|-------|

-----

|      |     |     |    |    |
|------|-----|-----|----|----|
| 80CW | 2   | 0   | 1  | 1  |
| 40CW | 27  | 69  | 21 | 12 |
| 20CW | 70  | 179 | 42 | 21 |
| 15CW | 134 | 370 | 58 | 18 |
| 10CW | 106 | 295 | 67 | 23 |

---

|        |     |     |     |    |
|--------|-----|-----|-----|----|
| Totals | 339 | 913 | 189 | 75 |
|--------|-----|-----|-----|----|

Final Score 241,032

Bill Kelsey - N8ET - Kanga US wrote:

| >BAND    | Raw QSOs | Valid QSOs | Points | Countries | Zones |
|----------|----------|------------|--------|-----------|-------|
| > -----  |          |            |        |           |       |
| >        |          |            |        |           |       |
| > 160CW  | 14       | 14         | 27     | 3         | 3     |
| > 80CW   | 12       | 12         | 23     | 4         | 6     |
| > 40CW   | 71       | 71         | 176    | 43        | 18    |
| > 20CW   | 195      | 195        | 532    | 85        | 27    |
| > 15CW   | 220      | 220        | 607    | 87        | 25    |
| > 10CW   | 196      | 196        | 552    | 77        | 19    |
| > -----  |          |            |        |           |       |
| >        |          |            |        |           |       |
| > Totals | 708      | 708        | 1917   | 299       | 98    |

> Final Score = 761049 points.

>Down from the previuos two years, although the 15 meter totals were very  
>close to last year's.

>73 - Bill - N8ET

>Kanga US

>kanga@bright.net

><http://www.bright.net/~kanga/>

>419-423-4604

>

>

>

--

|-----|

Anthony A. Luscre

K8ZT

Stow, Ohio



|-----|  
Visit My Website at  
<http://www.qsl.net/k8zt>  
|-----|

-----  
Date: Sun, 24 Nov 2002 21:22:06 -0600  
From: Lew Paceley <lew@paceley.com>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Cc: peter@pkbarnett.com  
Subject: [140823] Re: QRP SWR Meter  
Message-ID: <000f01c29431\$d554ad80\$6501a8c0@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=Windows-1252  
Content-transfer-encoding: 7BIT

Hi Peter,  
I built a RM 40 with a built-in N7VE SWR bridge. Power out should be 400mW+ on a 12V battery. BTW, the N7VE bridge even works with a RM using a 9V battery as the power source and 220mW out!

You can find it here:  
<http://www.paceley.com/rm>

The bridge schematic is here. I always build the "improved" (autotransformer) version.:  
<http://www.extremezone.com/~nk7m/n7veswr.htm>

GL es have fun!

72/73,  
\*Lew\*  
N5ZE

-----  
Date: Sun, 24 Nov 2002 21:20:45 -0600  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [140824] Re: CQ WW 40m Results -- Stunning!!  
Message-ID: <200211250320.AA00538@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain

Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

Ade Weiss WORSP writes:

>I must have barely heard about 5 EU's. Even the  
>bigguns in the Carrib. were having a lot of trouble  
>copying everybody.  
>

Had that problem with PJ2T and ZF1A. Called them every time I swept back by them and they weren't busy. ZF1A \*finally\* made the log here at 3:48AM Sunday. PJ2T had his hearing pick up earlier, just about midinght.

Only EU I worked on 40 was EA5HQ, who I called on a whim, as he wasn't very strong, but begging for QSOs. He came back first shot! :-)

>BUT, a genuine QRP'r enters the lists expecting to work  
>no DX, so I guess I did a lot better than that! I must  
>have called C02JD 200 times. When the band was right,  
>it was like I was next door. I mean, how far away is C02?  
>It's not really DX, is it? On a good day, you can just about  
>swim to it.  
>

I wasn't even contesting, so much as cruising for DX. The pileups on the rare ones were tough, most of the time. XT2DX was \*loud\* on 40m Friday night, and if the pile had been small, I would have got him, most likely. At best, it was impenetrable. :-) Ditto the 6V guy.

>In the midst of all this nothing, I picked up D4B for #80 on  
>40m, and also got C53M, which entity I already had. So,  
>one new one is very good, considering.  
>

Also got C53M on 40. Had worked them as C56R on 40 earlier in the week, but ws not 100% sure of them. Figured some insurance was in order. :-) I got several new ones on 40, but then I didn't have that many to begin with! :-) Also managed to put KL7WV in the log on 40, calling him with 350 mW! :-) That makes mW state #48, and my best mW DX on 40m. :-)

>So, the moral for all you inexperienced types who just give  
>up on DX contests before you even start, you gotta hang  
>in there and just keep calling. Every now and then when  
>it defies all sense, you get a D4B and a C53M into the log.

>

Indeed. I didn't expect to put D44TD in the log. Had chased him all over the place, but the mob was soon on him. Late in the day, found him CQing on 15m, and after a couple repeats on my call, he was a done deal. :-)

And, you \*don't\* even have to be a contest type. Just cruise the bands, and pick off all sorts of tasty DX. :-) Send in a log, or don't -- your choice. Work an hour, the whole thing, or anything inbetween. You \*don't\* need a tower and a big beam. The DX big guns can hear a gnat fart at 10,000 miles, if the conditions are right, and they want to put \*you\* in the log. If you call them and they don't hear you, \*don't\* give up. Maybe the propagation isn't \*quite\* right. Wait a while and try them again. Repeat as necessary. :-) And, like Ade said, even when it defies all sense, you might just be pleasantly suprised. :-)

72/73,

Todd, AG0T

-----

Date: Sun, 24 Nov 2002 22:39:39 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <jzaruba@mac.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140825] Re: HD question-OT  
Message-ID: <002501c29434\$4effea80\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

DANGEROUS!!

The /mbr option will cause fdisk to READ the sector at 0,0,1 and extract the partition info. It will then create a new 'virgin' BPS and insert the partition info into that 'virgin' sector and write that out.

What's dangerous is that your partition info MAY not be in the sector at 0,0,1! If you have a virus, for example, that has moved the partition sector, the /mbr option will just pull 'code' from the sector at 0,0,1 and use that as your partition info.

Or, if you are using one of those 'big drive' utilities like OnTrack...

Yes, the /MBR switch is a neat thing, but use it with caution!

If you DO use the /MBR option, you need to boot from a floppy that has no 'disk enhancement' software on it. Then do the Fdisk with /mbr. Reboot, and then do FDISK again WITHOUT the /mbr. Reboot, then do a format.

But remember, this won't WIPE what was on the drive. Not guaranteed anyway.

What I have done in the past to wipe a drive is set up a recursive copy of BIG files to subs, till the drive runs out of space. Then delete the structure.

Mike

Mike

> Henry,  
>  
> Try using the fdisk utility with the /mbr switch. That should re-create  
> the master boot record and recover your drive.  
>  
>  
> Boot up on a floppy and type:  
>  
> A:\fdisk /mbr  
>  
> Hope this helps.  
>  
> 73,  
>  
> John AA2BN

-----  
Date: Sun, 24 Nov 2002 19:57:41 -0500  
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>  
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu  
Subject: [140826] Re: [fpqrp] HD question-OT  
Message-ID: <3DE12F35.4715.93FDC5@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Kent, Chris, Richard et al

Tnx for the replies.

This is an old HD. The replacement HD works fine. I reinstalled the old HD with the intention of wiping it before listing on ebay.

The bios will not recognize the HD. It keeps telling me that there is no C: drive.

When I swap out the new drive, everything is fine. My conclusion is that wiped out the boot sector on the old drive and that I need a low level reformat. I tried to run fdisk with the intention of eventually reformatting but, as I said, the bios will not recognize the drive. I feel that mechanically the HD is fb. It only needs a low level format job.

After this happened, I took out the old drive and put the new drive in. The new drive works fine.

Hmmm.....

Even if I have to junk the drive, the lesson is relatively cheap. 4GB ToshibaHDs routinely fetch \$25 on ebay.

Tnx

Henry

On 24 Nov 2002 at 18:59, Henry Freedenberg wrote:

```
> I retired an old 4GB HD on my laptop (replaced it with a larger HD).
> Tried to wipe the drive clean using a freeware utility. Now the
> computer won't recognize the C drive. I suspect that I may have
> eliminated the boot sector and will need a low level format.
>
> I did the procedure from within windows....I probably should have
> executed it from DOS but I don't think that the results would have
> been much different.
>
> Any suggestions?
> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-1
> -
```

>

-----  
Date: Mon, 25 Nov 2002 07:04:43 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <henryf@quartz.gly.fsu.edu>,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140827] Re: [fpqrp] HD question-OT  
Message-ID: <003101c2947a\$d8728520\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I've seen that happen when the partition info at 0,0,1 is bogus.

No matter what you do, it just won't work.

Until you go into debug on a DOS boot, and just use int13 to write  
a blank sector there.

The problem is there are situations where the info is bad, but it's not  
DETECTABLE as bad before it tries to use it.

Mike

-----  
Date: Mon, 25 Nov 2002 07:10:59 -0500  
From: John Seney <wd1v@amsat.org>  
To: qrp-l@lehigh.edu  
Subject: [140828] FS: Mint TT Omni V with Accessories  
Message-ID: <p05100304ba07c389656f@[24.147.74.227]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

\* Ten Tec Omni V - Collector Quality  
Mint Condition with all filters, DC power cord, manual, and  
Heil Desk Mic. No Modifications. \$835.00 and will ship UPS  
to any USA location. \$800.00 for local pick-up.

\* PS-125 13.8 volt 25 amp DC power supply - new in box.  
\$100.00 or just \$25.00 if purchased with either of the

above HF transceivers.

\* MFJ Model 407C Deluxe Keyer with AC supply. A 5 - 9 volt battery will also work for portable operations. Grid block or direct keying. Works perfectly. \$35.00 and will ship UPS to any USA location.

73,

John Seney, WD1V  
wd1v@amsat.org  
<http://www.qsl.net/wd1v>  
603 627-6303

-----  
Date: Mon, 25 Nov 2002 06:40:21 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: "George, W5YR" <w5yr@att.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140829] Re: Question  
Message-ID: <Pine.LNX.4.44.0211250637400.1175-100000@localhost.localdomain>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Upps, yes for some reason I thought that was one of those early tube jobs. My 422 is older but still small and has worked for over 10 years every time I asked it to.

On Sun, 24 Nov 2002, George, W5YR wrote:

> My 465B is of very modest size and weight, all solid state, never  
> failed or hiccupped in 7 years. It doesn't use a cart, so I think that  
> you might have another model in mind. The 465B is one of the most  
> successful and reliable scopes that Tektronix has made.

>

> 73/72, George

> Amateur Radio W5YR - the Yellow Rose of Texas

> In the 57th year and it just keeps getting better!

> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

> K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121

>

>

> ----- Original Message -----

> From: "Karl F. Larsen" <k5di@zianet.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Friday, November 15, 2002 6:30 PM  
> Subject: Re: Question  
>  
>  
> >  
> > Hi Martin, the 465 is a very old tube type scope that is very big  
> and  
> > is, in a word, a good boat anchor. If it works now it will quit  
> soon.  
> >  
> >  
> > On Fri, 15 Nov 2002, Hartwell, Martin E, ALINF wrote:  
> >  
> > > Hi  
> > >  
> > > I have a line on a scope to add to my test equipment. It is a 465  
> type  
> > > on a cart. Not sure on the plug in but I am told it is dual trace.  
> > > It doesn't come with probes though, can I just use a 4 foot piece  
> > > of RG58, with BNC's on the ends? On one end I have an adapter I  
> > > can add with clip leads that will plug into the BNC, will this  
> work for  
> > > the 1:1 lead?  
> > >  
> > > Can I buy scope probes from Mouser, I believe they are have a web  
> site,  
> > > guess I will check them out.  
> > >  
> > > Anyone have extras on here they aren't using they want to sell  
> cheap,  
> > > ya right.  
> > >  
> > > Marty Hartwell kd8bj  
> > > mehartwell@att.com  
> > > AT&T Columbus Ohio  
> > > PH:614-501-2503  
> >  
>  
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----



Date: Mon, 25 Nov 2002 09:06:44 -0500  
From: "Steve Blary" <steve@eclipsecat.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140830] FS: NorCal Nor'Easter SMT kit -- unbuilt  
Message-ID: <PPEIIGOHKOAKJAPHAODHMEDKDPAA.steve@eclipsecat.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

My eyes aren't what they used to be so I'm trading up to the table top  
version <G>!

So for sale is 1 unbuilt NorCal Nor'Easter SMT kit for \$50 US (includes US  
shipping). CPU chip has been reprogrammed to display correct frequency.

Thanks,  
Steve Blary, N1XC

-----  
Date: Mon, 25 Nov 2002 09:19:58 -0500  
From: Garey Barrell <k4oah@mindspring.com>  
To: henryf@quartz.gly.fsu.edu,  
        Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140831] Re: [fpqrp] HD question-OT  
Message-ID: <5.1.0.14.0.20021125091404.00a2e050@pop.mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Henry -

Sounds like the new drive installed a bios patch or driver that doesn't  
recognize the old drive. The older Windows versions don't know how to  
handle the large drives being installed today and so the drives come with  
either secondary bios or software to "translate" or make them look like  
several smaller drives that Windows can handle.

You could stick the old drive into another system that still has it's  
original (smaller) drive and it will format just fine.

73, Garey - K40AH  
Atlanta

At 07:57 PM 11/24/2002, you wrote:

>Kent, Chris, Richard et al

>

>Tnx for the replies.

>

>This is an old HD. The replacement HD works fine. I reinstalled the old  
>HD with the

>intention of wiping it before listing on ebay.

>

>The bios will not recognize the HD. It keeps telling me that there is no  
>C: drive.

>When I swap out the new drive, everything is fine. My conclusion is that  
>wiped out

>the boot sector on the old drive and that I need a low level reformat. I  
>tried to run

>fdisk with the intention of eventually reformatting but, as I said, the  
>bios will not

>recognize the drive. I feel that mechanically the HD is fb. It only  
>needs a low level

>format job.

>

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>in. The new drive

>works fine.

>

>Hmmm.....

>

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>ToshibaHDs

>routinely fetch \$25 on ebay.

>

>Tnx

>

>Henry

>

>On 24 Nov 2002 at 18:59, Henry Freedenberg wrote:

>

> > I retired an old 4GB HD on my laptop (replaced it with a larger HD).

> > Tried to wipe the drive clean using a freeware utility. Now the

> > computer won't recognize the C drive. I suspect that I may have

> > eliminated the boot sector and will need a low level format.

> >

> > I did the procedure from within windows....I probably should have

> > executed it from DOS but I don't think that the results would have

> > been much different.

> >

> > Any suggestions?

> > -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-1

> > -  
> >

-----  
Date: Mon, 25 Nov 2002 10:15:38 EST  
From: NV9Z@aol.com  
To: qrp-l@lehigh.edu  
Subject: [140832] WTB: Cross-Needle Tuner  
Message-ID: <10.28d26c4d.2b13989a@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi QRPers!

I am looking for a good used antenna tuner with cross-needle metering.

If anyone has one for sale, please contact me off list at NV9Z@aol.com.

Thanks and Happy Thanksgiving to All!!

73/72

Chris Blaase NV9Z QRP-L #2370 QRP-ARCI #11172 et Al

-----  
Date: Mon, 25 Nov 2002 10:44:33 -0500  
From: "Bill, N4QA" <n4qa@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [140833] DSWTUN03 interface progress plus...Endeavour  
blastoff...magnificent!  
Message-ID: <BAY1-F213t3HvoFOAmE000001f5b@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Greetings from central Florida and the Eustis Memorial Library.  
Martha, Ellie and I arrived just as the Shuttle Endeavour lifted off from  
Cape Canaveral, just 72 miles east-southeast of our place.  
Al and Helen, our next-door neighbors came over to greet us and to tell us  
to "Look up there!".  
It was our first time witnessing a Shuttle launch and, it was really neat.  
Got to see the big solid-propellant boosters separate and we continued to  
watch the remaining main engines power the Shuttle downrange until it

disappeared behind our local clutter...what a rush!

Well, about a week ago, I began modifying my seldom-used DSW-30 for use with DSWTUN03, a program that is currently vaporware.

I stacked a couple of machined-pin IC sockets above the original socket for the PIC and added wiring which will run to a three-pole switch on the DSW's front panel and on to a miniature connector on DSW's rear panel. This arrangement will eventually allow me to switch between random PC-programmed freq selection and 'normal' encoder tuning. Unlike DSWTUN95, DSWTUN03 will facilitate large freq moves instantaneously, rather than the slower, sequential type of tuning.

Anyway, no rig or PC along for this vacation. We DID bring Ellie, our Five-year-old English Springer Spaniel and I'm in charge of Ellie while Martha is down in Orlando at the big shopping center along International Drive.

So, I'd better head back and make sure that Ellie hasn't gone ballistic or something. She can see the squirrels out back through the kitchen door window...

Weather is gorgeous here and the forecast looks great for the week. Later, y'all.

73.

Bill, N4QA

<http://www.qsl.net/n4qa/>

---

STOP MORE SPAM with the new MSN 8 and get 2 months FREE\*  
<http://join.msn.com/?page=features/junkmail>

---

Date: Mon, 25 Nov 2002 09:00:40 -0700  
From: "" <markb@abq.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140834] Re: RC control plane and RX antennaa  
Message-ID: <5a1dcab8a6f842b2b0f072ef83330c13.markb@abq.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

> One way to get the right length without cutting the wire is to fold it=20  
> back on itself tightly=2E

I wonder if those servo receivers are 50 ohm input, if so one could tweak  
the wire using an MFJ analyzer=2E

Mark K5LXP  
Albuquerque, NM  
k5lxp@arrl=2Enet

-----  
Date: Mon, 25 Nov 2002 11:28:24 -0500  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140835] PSK31 (fun!) stuff  
Message-ID: <3DE24FA8.6640FC93@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Hi there,

This past weekend I put together an experimental 10 meter PSK31 beacon  
using the PSK31 Audio Beacon Kit:

<http://www.njqrp.org/digitalhomebrewing/psk31beacon/psk31beacon.html>

I left it running today for those interested. It's on the Beaconet  
frequency, 28.131 (+ 1500Hz). Please drop me a note if you hear/see it.

To test the setup I used another rig and a computer to decode the beacon  
signal. I put this rig on a dummy load, turned on the attenuator and  
turned down the RF Gain so I wouldn't overload it with the beacon signal  
(20 Watts).

I reported earlier last week having problems decoding a very strong 40  
meter signal, and thought it was because of phase shifting due to  
propagation. However, I now noticed the same problem. Hamscope would not  
decode the signal properly, and neither did the Beacon Server software.  
Digipan on the other hand had no problem decoding the signal. At first I  
used the same audio settings for all the software, and later I tried  
different settings with each software package, but still only Digipan  
would decode it.

When feeding the audio directly from the beacon kit to the soundcard,

all three software packages could decode it. I also tried turning the mic gain all the way down, but the results stayed the same.

I suspect that Hamscope and the Beacon Server software use the same PSK31 core (dll) which may be different than the one used by Digipan. But that's just a wild guess.

Maybe someone on hear can shed some light on this?

73,  
--Alex KR1ST

-----  
Date: Mon, 25 Nov 2002 11:51:13 -0500  
From: John Payne <paynej1@strato.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,  
k5di@zianet.com  
Subject: [140836] Re: Question  
Message-ID: <JFB0URNIFCHBYXGDMLNEB84XS93215.3de25501@john>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

This shows the value of stirring the pudding before you post!!

11/25/02 8:40:21 AM, "Karl F. Larsen" <k5di@zianet.com> wrote:

>  
>  
>Upps, yes for some reason I thought that was one of those early tube  
>jobs. My 422 is older but still small and has worked for over 10 years  
>every time I asked it to.  
>  
>  
>On Sun, 24 Nov 2002, George, W5YR wrote:  
>  
>> My 465B is of very modest size and weight, all solid state, never  
>> failed or hiccupped in 7 years. It doesn't use a cart, so I think that  
>> you might have another model in mind. The 465B is one of the most  
>> successful and reliable scopes that Tektronix has made.  
>>  
>> 73/72, George  
>> Amateur Radio W5YR - the Yellow Rose of Texas  
>> In the 57th year and it just keeps getting better!  
>> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
>> K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121  
>>  
>>

>> ----- Original Message -----  
>> From: "Karl F. Larsen" <k5di@zianet.com>  
>> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>> Sent: Friday, November 15, 2002 6:30 PM  
>> Subject: Re: Question  
>>  
>>  
>> >  
>> > Hi Martin, the 465 is a very old tube type scope that is very big  
>> and  
>> > is, in a word, a good boat anchor. If it works now it will quit  
>> soon.  
>> >  
>> >  
>> > On Fri, 15 Nov 2002, Hartwell, Martin E, ALINF wrote:  
>> >  
>> > > Hi  
>> > >  
>> > > I have a line on a scope to add to my test equipment. It is a 465  
>> type  
>> > > on a cart. Not sure on the plug in but I am told it is dual trace.  
>> > > It doesn't come with probes though, can I just use a 4 foot piece  
>> > > of RG58, with BNC's on the ends? On one end I have an adapter I  
>> > > can add with clip leads that will plug into the BNC, will this  
>> work for  
>> > > the 1:1 lead?  
>> > >  
>> > > Can I buy scope probes from Mouser, I believe they are have a web  
>> site,  
>> > > guess I will check them out.  
>> > >  
>> > > Anyone have extras on here they aren't using they want to sell  
>> cheap,  
>> > > ya right.  
>> > >  
>> > > Marty Hartwell kd8bj  
>> > > mehartwell@att.com  
>> > > AT&T Columbus Ohio  
>> > > PH:614-501-2503  
>> >  
>>  
>>  
>  
>--  
>  
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -  
>  
>

"The real proof that there is intelligent life in outer space is that they haven't come here."

On Sunday 24 November 2002 06:57 pm, some not-so-anonymous soul by the name of Henry Freedenberg wrote:

I got a 6.2 Gig for 25 a couple months ago :^)

Date: Mon, 25 Nov 2002 11:52:37 -0500  
From: "Michael B. Byrd" <m.byrd10@verizon.net>  
To: qrp-l@lehigh.edu  
Subject: [140838] QRP & CQ WW Contest  
Message-ID: <3DE25550.7563ECC6@verizon.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"



Content-Transfer-Encoding: 7bit

Good Day,

I have been planning this contest for several months and had most the preparations complete.

On Thursday I came down with a wipe-out cold. I missed work on Friday also. At the start

of the contest I turned on the rig and listened for a minute and turned everything off and

went back to bed. By afternoon Saturday I could hold my head up straight and decided to

give it a try. I stayed on Ten meters and worked a dozen or so stations. This was very

disappointing after all the preparation I put in. The code never sounded so fast and some

calls I never did get. A cold and code just don't mix well.

Sunday morning I felt better and started to get more involved. I filled several sheets in the

log and worked a few new countries. The day got better and I started to get through some

of the pile up. I guess I was feeling better as the code seemed to slow down or maybe

fatigue was setting in for most ops.

I had planned to spend more time on 40 meters, but 10 was open most of the contest and

I stayed there. The final hour was spend on 40 and I was able to work into Europe to get

S5, CT9, EA8, DL4, YT7, OM5 and finally OM0 at 23:59. Also got P4 on 40. I really

wanted to get WAC on 40.

This was my first contest and it was a lot of fun. I never liked contests before, but this

could change things. Highlights were XT2, J3, J7, V21, TK5 and T9.

The rig was a Yaesu FT-301 and the antenna was a Cushcraft R8 vertical. I was surprised

how well everything worked. Next time I will have the keyer programmed and better antenna for 40. I will also get the K1 back in service and use it more.

For all of you that were in the contest, I hope you had as much fun. My thanks goes out

to all the ops that were able to hear me and make an exchange. There were a few that made

a strong effort to copy me then just sent "sri". I thank them for taking the time

during the  
contest to help me out.

My best to everyone and I hope you enjoy Thanksgiving with people you care about.

Mike, AC4UR

-----  
Date: Mon, 25 Nov 2002 12:01:18 EST  
From: NV9Z@aol.com  
To: qrp-l@lehigh.edu  
Subject: [140839] WTB: Cross-Needle Tuner  
Message-ID: <e.28ec61d3.2b13b15e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi QRPers!

I would like to buy a good used antenna tuner with cross-needle metering.

Please contact me off list at NV9Z@aol.com.

Thanks and Happy Thanksgiving To All!!

73/72

Chris Blaase NV9Z QRP-L #2370 QRP-ARCI #11172 et Al

-----  
Date: Mon, 25 Nov 2002 11:13:45 -0600  
From: Jim <sunwatt@starband.net>  
To: qrp-l@lehigh.edu  
Subject: [140840] CQWW - Milliwatting again  
Message-ID: <5.1.0.14.2.20021125094007.01b43b48@pop.starband.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I've not been very active on the bands lately. But the CQWW CW contest always draws me in.

This year I find myself without my 2 element quad beam at 70 feet. This beam antenna gave me excellent coverage of 15 and 10M. I used to start the contest with it pointed to the NE, for Europe

1st thing in the morning, and then swing it around to the SE for Africa later on in the day, and to the NW for JA's and Pacific in the afternoon. That was lots of fun and would give me a little boost to my milliwatt power, along with nulling out QRM from the sides.

Anyway, I wasn't able to operate Saturday, but Sunday I got into the contest!

For 10M all I had was a temporary vertical hung up in a tree. The base is up about 8ft off the ground, and has three radials tied off. I also have a 20M half square, but didn't do allot on 20M. I wish I had added a second stinger, and longer radials to the 10M vertical, but I never got around to it. 15 and 10M are my favorite bands.

I didn't get into the contest to run up any kind of score. I was only looking for new DXCC countries yesterday.

In that search I did pretty good!! Especially when you consider that any new DXCC's for me, are also sought after by others, and this creates a bit of a pile up problem.

My 1st new DXCC of the day was IU9S, Sicily. It took about 15 minutes of trying, but when I got a clear shot it was easy.

C53M Gambia, was also pretty easy once I got the clear shot. In fact it was so easy that I lowered my standard 750mW to 70mW and called him with the club callsign, NQ5RP. Bingo, I got him with 70mW!

D44TD is Cape Verde, and another new DXCC. This was pretty tough! I mean the pileup just went on and on! I thought there was never going to be a break, but finally when I got a chance I broke through and he was in my log!

I rounded off the afternoon bagging several calls that I was unsure about. Maybe I already have them, and maybe I don't. Anyway, ZD8A, J75A, J3A, TG4/W0IZ, HI8RV, CW4A, ZS4TX, EA8XS, HQ3J, and ZL6QH went into my log. I knew I had ZL in my DXCC list, but I just had to do it!

My equipment is: Elecraft K2, and WM-2 wattmeter, set at 750mW.

All but the HQ3J was on 10 meters, I bagged HQ3J on 20M.

72's de Jim KJ5TF

-----  
Date: Mon, 25 Nov 2002 11:44:07 -0600  
From: "Merton Nellis" <mertnellis@msn.com>  
To: qrp-1@lehigh.edu  
Subject: [140841] TEST ONLY  
Message-ID: <F24a0qR5EEQwlfSQx6A000264cc@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

ONLY FOR TEST

-----  
Protect your PC - get McAfee.com VirusScan Online  
<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

-----  
Date: Mon, 25 Nov 2002 18:44:54 +0100  
From: "Sverre Holm - LA3ZA" <la3za@qsl.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>,  
<elecrafft@mailman.qth.net>  
Subject: [140842] RE: [CQ WW DX CW Contest this weekend!]  
Message-ID: <0000001c294aa\$5d9badb0\$8e00a8c0@Master>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit

CQ WW was fun, I managed to get my K2/5 Watts up to 101 countries total, with 8 new countries added this weekend: Kuwait, Grenada, Burkina Fasso, Ecuador, Tunis, Saudi Arabia, and Jordan (especially nice to work since I have lived there).

My K2 even managed to work UA2 which I had formerly only worked with my Pixie (80 m/250 mW) - of course Kaliningrad is a lot closer to me than for many readers of this mail ...

Sverre LA3ZA  
[www.qsl.net/la3za](http://www.qsl.net/la3za)

-----  
Date: Mon, 25 Nov 2002 12:51:31 -0500

From: Fred Lesnick <flesnick@tbaytel.net>  
To: kr1st@amsat.org  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [140843] Re: PSK31 (fun!) stuff  
Message-ID: <3DE26323.96824B3A@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

This afternoon on the frequency of 28.131 hearing the following PSK31 beacons...

N7YG  
KD5CFB  
AK6DV

Fred  
VE3FAL

Alex wrote:

>  
> Hi there,  
>  
> This past weekend I put together an experimental 10 meter PSK31 beacon  
> using the PSK31 Audio Beacon Kit:  
>  
> <http://www.njqrp.org/digitalhomebrewing/psk31beacon/psk31beacon.html>  
>  
> I left it running today for those interested. It's on the Beaconet  
> frequency, 28.131 (+ 1500Hz). Please drop me a note if you hear/see it.  
>  
> To test the setup I used another rig and a computer to decode the beacon  
> signal. I put this rig on a dummy load, turned on the attenuator and  
> turned down the RF Gain so I wouldn't overload it with the beacon signal  
> (20 Watts).  
>  
> I reported earlier last week having problems decoding a very strong 40  
> meter signal, and thought it was because of phase shifting due to  
> propagation. However, I now noticed the same problem. Hamscope would not  
> decode the signal properly, and neither did the Beacon Server software.  
> Digipan on the other hand had no problem decoding the signal. At first I  
> used the same audio settings for all the software, and later I tried  
> different settings with each software package, but still only Digipan  
> would decode it.  
>  
> When feeding the audio directly from the beacon kit to the soundcard,  
> all three software packages could decode it. I also tried turning the  
> mic gain all the way down, but the results stayed the same.

>  
> I suspect that Hamscope and the Beacon Server software use the same  
> PSK31 core (dll) which may be different than the one used by Digipan.  
> But that's just a wild guess.  
>  
> Maybe someone on hear can shed some light on this?  
>  
> 73,  
> --Alex KR1ST

-----  
Date: Mon, 25 Nov 2002 12:06:04 -0600  
From: <stanw@toxsor.com>  
To: <qrp-l@lehigh.edu>  
Subject: [140844] Re: PSK31 (fun!) stuff  
Message-ID: <000301c294ad\$55c62fe0\$0364010a@toxsor.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I suspect your problem is hardware not software.    You need for the  
transmitter stages to operate as linear.

20 wattts is a lot of signal power for a beacon.    Typically 1 watt or less  
would be the norm.

de Stan ak0b

-----  
Date: Mon, 25 Nov 2002 11:10:23 -0700  
From: "Francis Callahan" <colcal@srv.net>  
To: <QRP-L@lehigh.edu>  
Subject: [140845] F/S or Swap  
Message-ID: <000e01c294ad\$edea3f00\$1bca1341@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Viz volt ohm meter, J38 Key with all original hardware, bread board, camera  
equiptment Please reply direct thanks 72 Cal KF7ET

-----  
Date: Mon, 25 Nov 2002 13:13:05 -0500  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140846] Re: PSK31 (fun!) stuff  
Message-ID: <3DE26831.4AB06569@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Oh, I forgot. For those interested, I put picture up of the lil' board I added to the beacon kit:

<http://www.kr1st.com/board.jpg>

I'll put a complete project description on my site when I'm done testing.

73,  
--Alex KR1ST

Alex wrote:  
>  
> Hi there,  
>  
> This past weekend I put together an experimental 10 meter PSK31 beacon  
> using the PSK31 Audio Beacon Kit:

-----  
Date: Mon, 25 Nov 2002 13:34:27 -0500  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140847] pre-amps in microphone stupid?  
Message-ID: <3DE26D33.E3B60097@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

I was thinking of getting a Heil mic/Pro Plus Headset. I just read Bob Heils comments about older Icom rigs on his web site:

<quote>  
The microphone preamplifiers were in the microphone ! How stupid.  
</quote>

Why would that be stupid? Wouldn't it be better to have the mic preamp

as close to the microphone as possible? It seems to me that that way the preamp isn't amplifying the noise picked up by the cable, and that it would improve the S/N ratio.

Then again, may I am stupid, too.

73,

--Alex KR1ST

-----  
Date: Mon, 25 Nov 2002 11:01:39 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-l@lehigh.edu>  
Subject: [140848] Part 5 of What Kit to Build?  
Message-ID: <005601c294b5\$18c5c1c0\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

If you have been following this series you know that I promised that we would be building a full fledged transceiver in this installment. The kit that I recommend for this section is the Small Wonder Labs SW40+, designed and sold by Dave Benson, K1SWL. Dave is a wonderful designer, and his rigs work great. You will be building a quality transceiver capable of providing many, many hours of qso's. In fact, if I were limited on funds, and only had a few bucks to spend on this hobby. this would be the rig of choice.

Why 40 meters? Well, 40 is open pretty much around the clock to somewhere. QRP is a fun hobby, but you do want to make contacts when you operate. The SWL40+ puts out about 2 Watts, has a very stable VFO that covers 40 Khz of the band (and you get to select which part of the band you want to cover), the receiver is very good, has a sensitivity of -130dB or more, and is easy to build. The manual is excellent. The cost? \$55 for the board and parts. You supply the connectors and controls and the case, but all of these can be bought at Radio Shack, or you can order them from Mouser. Typically it will cost about \$15 for a case, connectors and controls.

The SWL40+ was also the series of postings on QRP-L where several experts took the rest of us through building the radio stage by stage, had us test it as we went, and explained exactly what was happening almost part by part. This series was the subject of an entire issue of QRPp, Fall 1998. Reprints of this issue are available from me for \$20 (you get all 4 issues in the bound set, plus the Winter issue is dedicated to building the 2N2222/40 by Jim Kortge, another great project.). I'll give you details on ordering the back issues at the end of this.



There are lots of single band kits out there. Why did I pick the SW40+? Well, first of all is the cost and what you get. This is a transceiver that is a superhet receiver, vfo controlled, and puts out 2 Watts. The board is well layed out, and every part fits. No bending of capacitor leads, Dave does it right. Most other single band kits come complete with a case and connectors, but they drive up the cost a bunch. Dave's method of selling you just the board and parts, and letting you get your own controls, connectors and case is sometimes a lot cheaper, especially if you get a deal at a swapmeet or hamfest.

Another reason is the Elmer 101 course. I think that it is a wonderful resource, and is even probably on the net somewhere. You get all of these guys who know what they are talking about guiding you as you build. It doesn't get any better than that. But the biggest reason I picked the SW40+ is that when you get it built, you will be able to use it and make contacts. Now we have a VFO controlled rig. What a huge step up in convenience and fun that is. Plus, with this kit, you determine what portion of the band you are going to use it on. And, we have a fantastic receiver here. This is a superhet, and that means single signal reception, and selectivity. You won't hear the whole band when you listen.

Here is a summary of the kit's features:

Single-board transceiver, 2.8 x 4.0" (7 x 10.1 cm)

Commercial-quality board, masked and silkscreened

True VFO: 35-40 khz coverage

Superheterodyne design, with crystal filtering

Quiet solid-state T-R switching (QSK)

Output Power Adjustable- 2.5W max.

Power supply reverse-polarity diode

5 toroids to wind.

3 Crystal filter for improved skirt selectivity. A grounding point for the crystal cases is also provided to reduce filter 'blow-by'.

The PA is a T0-220 device, capable of more output power than the original.

Should you wish to modify the design slightly for more power, there's now space for a T0-220 heatsink.

All in all, I think the SWL40+ is the very best bargain, dollar for dollar, in ham radio today. If you were to build your own case and scrounge for controls and connectors, you could be on the air for \$60 with a VFO controlled transceiver that has a superhet receiver. Unbelievable 10 years ago.

Here's the information on how to order your SWL40+ kit:

SW+ Series Board Kit Price:

The SW+ series is currently available for 80M, 40M, 30M or 20M. The SW+

series is \$55 (postpaid) to US and Canada.

Send your orders to:

Small Wonder Labs  
32 Mountain Road  
Colchester, CT 06415  
USA

Specify that you are ordering the SWLXX+ and replace the XX with the band, i.e. SWL40+ for the 40 meter version.

Or, if you wish go to the following URL and order your kit via PayPal or credit card.

[http://smallwonderlabs.com/orderform\\_US.htm](http://smallwonderlabs.com/orderform_US.htm)

You will need to scroll down to the SWL40+ section. Also be sure to check the enclosure, connector and control kits on the same page.

Hope you enjoyed this installment. The next one will deal with building a project from a schematic!! Exciting stuff. 72, Doug, KI6DS

-----  
Date: Mon, 25 Nov 2002 12:10:46 -0700  
From: William R Colbert <w5xe@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [140849] RE: QQ Delivery....  
Message-ID: <20021125.121918.-446049.5.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, the slooowwww armadillo passed thru Far West Texas this morning and dropped off a copy of the Quarterly. Another great issue and thanks to all concerned in getting the issue out. Now, to get off the list and go read the new arrival.

73

Ray

If you know the forest, you will not fear, If you do not know the forest, then you will fear the forest.'Luther Standing Bear'  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2R

QRP-ARCI 5784 El Paso, (FAR WEST) TEXAS

-----  
Date: Mon, 25 Nov 2002 12:14:49 -0800  
From: Robert Honan <robertus@harbornet.com>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [140850] Re: pre-amps in microphone stupid?  
Message-ID: <3DE284B9.BFC4D4B2@harbornet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

No Alex,

You are not stupid, you just did not carry the thought process through. Yes, putting the preamp in the mic would eliminate the possibility of amplifying noise picked up by the cable, but Icom was the only major manufacturer to do so. That means that you needed to make a distinct microphone for Icom, and only Icom, rigs - where all the other manufacturer's rigs could use same mic, only the connector varied. That is not a situation that a microphone maker would consider convenient. Sorta like designing a car that required 15 inch tires when no other vehicle used that size.

Alex wrote:

> I was thinking of getting a Heil mic/Pro Plus Headset. I just read Bob  
> Heils comments about older Icom rigs on his web site:  
>  
> <quote>  
> The microphone preamplifiers were in the microphone ! How stupid.  
> </quote>  
>  
> Why would that be stupid? Wouldn't it be better to have the mic preamp  
> as close to the microphone as possible? It seems to me that that way the  
> preamp isn't amplifying the noise picked up by the cable, and that it  
> would improve the S/N ratio.  
>  
> Then again, may I am stupid, too.  
>  
> 73,  
> --Alex KR1ST

--  
Robert J. Honan KD7QLJ <kd7qlj@arrl.net>

~~~~~  
There are 10 types of people in the world:

those that understand binary, and those that don't.

-----  
Date: Mon, 25 Nov 2002 12:27:44 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-1@lehigh.edu>  
Cc: <WA6GER@aol.com>  
Subject: [140851] Summer and Fall Issues of QRPP in the mail today  
Message-ID: <007401c294c1\$1f666b40\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, the summer and fall issues of QRPP are in the mail. I just got back from the post office. Did you notice that I said Summer and Fall issues??? Yes, I mailed both of them at the same time. Took them to the printers a couple of weeks ago, and got them back Saturday. Processed them this weekend, and they are ready to go.

Why 2 issues at once? Because I got behind about 2 years ago and have been playing catch up ever since. Finally got some weekends free, and got the work done. There are a few of you, actually about 100+ who had your subs expire with the summer issue. We went ahead and gave you the Fall issue too, since we were doing it for everyone else and it was simpler. We have great faith that all of you will renew. Thanks for your patience.

We also did two separate issues, as we did not want to do a combo issue due to problems that it would cause. QRPP is mailed first class, and all of you should have it by Friday (we know about those sloooow mules and armadillos, grin.). Thanks to all who contributed articles, and thanks to all of you who have been so patient with me. 72, Doug, KI6DS

-----  
Date: Mon, 25 Nov 2002 15:39:18 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <kr1st@amsat.org>,  
                "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [140852] Re: pre-amps in microphone stupid?  
Message-ID: <001c01c294c2\$ccf575c0\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The problem is what kind of 'standard' are manufactures using for what can be plugged into a mic jack.

My Swan, for instance, takes WELL over 1v to drive it.

But most modern rigs can be driven to full power with a few millivolts.

The early Icoms, though, went through some 'growing pains'. I've seen some very similar models from the 1980 or so era where they took almost 100mv to drive them. Too high to hook up most dynamic mics. Even electrets (because most electrets at the time were 'scaled' to match dynamic) didn't work. The front end audio gain controls would swing wide open to boost the audio signal. The end result was a signal that would 'peak' just fine on a whistle, but normal voice would sound 'empty' or 'tinny' with no compression.

Was it stupid? Not hardly! It was just the way things were during a time when things were changing.

Would I do it that way? No way! But then, I have the advantage of seeing the answers in the back of the book!

Mike

----- Original Message -----

From: "Alex" <kr1st@amsat.org>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, November 25, 2002 1:34 PM

Subject: pre-amps in microphone stupid?

> I was thinking of getting a Heil mic/Pro Plus Headset. I just read Bob  
> Heil's comments about older Icom rigs on his web site:  
>  
> <quote>  
> The microphone preamplifiers were in the microphone ! How stupid.  
> </quote>  
>  
> Why would that be stupid? Wouldn't it be better to have the mic preamp  
> as close to the microphone as possible? It seems to me that that way the  
> preamp isn't amplifying the noise picked up by the cable, and that it  
> would improve the S/N ratio.  
>  
> Then again, may I am stupid, too.  
>

> 73,  
> --Alex KR1ST  
>

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Date: Mon, 25 Nov 2002 20:45:17 +0000  
From: Stewart Bryant <stewart.bryant@virgin.net>  
To: IamSF5@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140853] Re: Re RC control plane and RX antennaa  
Message-ID: <3DE28BDD.6060609@virgin.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

I have been flying models in the UK for about 7 years. We use the 35MHz band here. My advice would be to use the antenna supplied with the receiver and neither lengthen it, or shorten it.

The antenna (which is a voltage probe on the frequencies that I fly) is good enough that the plane remains under full control anywhere that I can see it well enough to control it. That is all that you need. Indeed when you get to the point where you can no longer properly see what the plane is doing, you really want the signal to drop off, so that the fail-safe cuts in and brings the plane back down.

Increasing the antenna gain, only increases the signal to the receiver and makes cross-modulation more likely. Cross modulation may be annoying in a QSO, but when flying it is dangerous.

73

Stewart G3YSX

IamSF5@aol.com wrote:

> Hi Gang,  
> I need some info.  
> I'm picking up a RC control aircraft and after 20 years many things have  
> changed.  
> My concern is the antenna I have to place inside the wing.  
> The information i've been reading says nothing about the length of the  
> antenna for the receiver.  
> I have a choice of frequencies from the 30 megs up to the 70 meg range.

> I don't want the ham band range on 6 meters due to local 6 meter QRO activity  
> here.  
> I selected 50.000.0.  
> Should I cut the wire that came with the receiver?  
> Will cutting it shorter make the RX more sensitive to the wire cut for that  
> frequency.  
> Many RC Guys here say leave it as is but their not hams and don't know  
> anything about a resonate antenna.  
> I assume that the higher I go the more critical this would be for RX.  
> Any information on this is very much appreciated.  
> Thanks  
> 73  
> Bob  
> AF2Q  
>

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Date: Mon, 25 Nov 2002 15:16:01 +0100  
From: "Juanjo Pastor" <ec5aca@wanadoo.es>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [140854] RE: No Excuses Transciever  
Message-ID: <000301c294c5\$104ac940\$063f243e@fer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hello everybody,

I would love to have a peek on the article, but I am not a member of ARRL (I am justified, after all I do live in Spain and am member of URE, the spanish sister organization). Is there a pdf for it somewhere? Scans of medium size (like 2000x1500 256 colors or so) would also do. I can assess the ARRL I will not distribute them anyway. TIA.

73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742, QRP-L #1662.

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Date: Mon, 25 Nov 2002 16:03:12 -0500 (EST)  
From: Thom LaCosta <baltimoremd@baltimoremd.com>  
To: John Payne <paynej1@strato.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [140855] Re: Question  
Message-ID: <20021125160217.C1120-100000@unix1.vhost.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 25 Nov 2002, John Payne wrote:

> This shows the value of stirring the pudding before you post!!

Karl has his own pudding receipe.

Thom

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Date: Mon, 25 Nov 2002 17:38:46 -0500  
From: "Ron Polityka" <wb3aal@fast.net>  
To: ". QRP-L" <qrp-l@lehigh.edu>  
Subject: [140856] 4th Annual 2003 QRP Contest Calendar for QRP'ers  
Message-ID: <002201c294d3\$6d8c3270\$ace35cd1@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello,

Well it is that time of year again.

The Eastern PA QRP Club is proud to announce the sale of the 4th Annual QRP Contest Calendar for the QRP'er.

This years theme is QRP Clubs with club calls. Each month will feature a different QRP club that has a club call.

Check out [www.n3epa.org](http://www.n3epa.org) and click on the link to the calendar.



This year we are accepting PayPal to make it easier to purchase the calendar.

72 & Good DX  
Ron de N3EPA  
El Presidente'  
n3epa@fast.net  
www.n3epa.org

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End of QRP-L Digest 2750  
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